HERE TO INSPECT THE IRON MINES

Representatives of Eastern Operators Accompany Expert Jones.

LEFT FOR CAMP LAST NIGHT

STRIKE AT THE NAILDRIVER-NEWS FROM THUNDER.

CCOMPANIED by W. A. Barrows, jr., of Sharpsville, Pa., John T. lones, the veteran iron mine expert of Iron Mountain, Mich., came in from Chicago Saturday night and left representatives of the same syndicate will go down with the visitors and with them go over the monster deposits so

return to Chicago. He preferred not to discuss the purposes of his mission, but it was learned from another source that Mr. Barrows is out with Expert Jones in the interests of Pittsburg talent which is believed to be on the eve of joining Messes. Kimberley and Buhl in

means to Utah was outlined in yester-day's Herald, and that every move of the powerful aggregation will be watched with the liveliest interest from now on goes without saying.

WILL SAMPLE GOLD PROPERTY.

been developing for several months past. The striking of a full breast of ore carrying \$52 per ton in the yellow metal has made him anxious to see what it looks likely, and last evening, accompanied by one or two well known operators, a surveyor, assayer and three more men to put to work in the mine, he left

for a ten days' trip to camp.

The last advices from the property were to the effect that the showing first reported was improving all the time, so the party expects to find a sprouting bonanza of no mean propor-tions, particularly as the ledge in which the strike was reported is described as being all of forty feet wide between

PARK MINING NOTES.

Strike at Naildriver-Daly-West and Other Shipments.

(Park Record.) Loring Bros. yesterday closed down heir concentrating plant for the win-er. We understand they have had a

very successful season's work.
Superintendent Gillette of the Wabash was down to Salt Lake a couple of days this week, returning home yes-

nsignment of electrical ma-

Following are the shipments of ore from the Mackintosh sampler for the
 Ontario
 876,000

 Daly-Judge Con.
 231,000

 California
 30,000

 Loving
 30,000

Wesley Barton, son of Leroy Barton of Weiser, returned this week from Thunder mountain, where he had been employed during the most of the summer by the Fairview and Wisdom companies. While in the camp, Mr. Barton was accorded the rare privilege of being allowed to enter the Dewey workings. The company is now employing about thirty men in the mina and eight or ten in the mill, which is runping day and night. Excavating has been in progress for some time on the site is at the mouth of Mule creek, about three-quarters of a mile below the present mill. A tunnel is being driven into the mountain just above the mill, from which a tramway will lead to the mill, from which a tramway will lead to the mill, from which a tramway will lead to the mill to carry the ore, thus making a saving of much time and expense. This tunnel will intersect a shaft which was sunk in the second level of the mine a depth of 380 feet. When the shaft was sunk a large quantity of water was sencountered, and as there was no nump to rake the was an accounter. The local also the finding of the remains of two many the processile mountain and begin operations at the short was sunk a large quantity of water was encountered, and as there was no nump to rake the was all sare quantity of water was encountered, and as there was no nump to rake the was all sare quantity of water was encountered, and as there was no nump to rake the was all sare quantity of water was encountered, and as there was no nump to rake the was all and the legal of the mine and begin operations at the mining industry in this care the entrance of Mr. Greem and his associated with them to organize a complete the mentance of Mr. Greem and his associated with them to organize a complete the proposed in the intrance of Mr. Greem and his associated with them to organize a complete the proposed of the mine and developed the mining industry in this camp is one of the best things that has sunked the probability, be begun at once. The entrance of Mr. Greem and his associated with the mount When the shaft was sunk a large quantity of water was encountered, and as there was no pump to take the water out with, the lower tunnel was started with the double purpose of draining the shaft and conveying ore to the new mill.

Nov. 10 two men left the camp for

Nov. 10 two men left the camp for Boise with the clean-up from a short run of the mill. This amounted to over fifty pounds of bullion. Mr. Barton stated that the Dewey is simply a mountain of ore. In the workings pleces of charcoal are frequently found, which, on being broken open, shows considerable free gold adhering to it. Many of these pieces have been taken away as curiosities. The shaft sunk on the second level demonstrated that free milling ore was not only on the surface, but extended to a depth of several hundred feet, which will give employment to stamps for years to come. Nov. 10 two men left the camp for

run from each side of this tunnel over thirty feet, and the walls of the ledge have not been encountered, demon-strating that the ledge is over sixty feet in width.

The Sunnyside company is working about fifteen men. It is arranging to take in a mill next summer to work their ores.

On the Wisdom group considerable development work is being done.

Mr. Barton left Roosevelt on the 17th. When he left the camp there were about ten inches of snow on the ground. At Elk summit there were six feet and still snowing. On Secesh summit there were about four feet, but trails had been broken through them, and he thought they would be them, and he thought they would be kept open all winter.

LATEST FROM MAJESTIC. Old Hickory Strike-Operations at the Smelter.

(Beaver News.) The big working tunnel on the Old Hickory is now going ahead in the finest knd of copper ore. The vein was encountered last Friday at a distance last evening for the Kimberley-Buhl of 158 feet from the mouth of the tunnel and a vertical depth of eighty feet. It is understood that some other of the struck at about this point, but its quality rather exceeds expectations, being richer, if anything, than that in the bottom of the ninety-foot shaft. There is an abundance of red and black oxwhen seen at his hotel last evening.
Mr. Jones said he expected to spend four or five days at the mines and then
Monday night the tunnel had gone into the ore a distance of ten feet, with no sign of a wail.

The force at the mine has been in-

creased to twenty-one men, and Fore-man Price is bringing the big property out in fine shape. The old shaft, which is being enlarged to a double compartjoining Messrs. Kimberley and Buhl in rounding out the gigantic enterprises that were contemplated at the time the iron mines were purchased, and their presence is therefore an earnest that the campaign is to be energetically pushed.

What this mammoth undertaking means to Utah was outlined in yesterday's Herald, and that every move of the powerful aggregation will be shot out through the tunnel at a minimum toost.

The new gasoline hoist is working to perfection, in fact, all conditions at the property are as satisfactory as could be desired.

WILL SAMPLE GOLD PROPERTY.

W. J. Lawrence and Party Left For Idaho Last Night.

About ten days ago The Herald mentioned the fact that Will J. Lawrence has received most inspiring news from a gold property fifty miles northwest of Mountain Home, Ida., which he has been developing for several months past. The striking of a full breast of ore shipments of tron that have arrived estimated.

Thirteen cars loaded with Majestic smelting material were standing on the siding at Lewisville last Monday. The material consisted of brick, lumber, iron, etc., and it is being utilized as rapidly as possible. The masonry work is now nearly all completed and the iron walls of the main or fore-hearth building will soon be going up. The U pipes for the hot blast stove are among the shipments of iron that have arrived shipments of iron that have arrived.
Thirty-five men were at work Monday
and the number is being increased
daily. Stormy weather has interfered

somewhat with operations, but work is now going ahead with renewed vigor. MAGNETIC MILLING PROCESS.

Lucid Description of the New Edison

Lucid Description of the New Edison

Metal Separating Scheme.

T. A. Edison's magnetic milling process is a metallurgical fact and a purely scientific success, but not from the commercial point of view, says the Mining and Scientific Press. The most recent described experiments with his device were at Balham, London, England, where, in a small building, were arranged the series of magnetic separators on which the process depends. The ore was first crushed to a gunpowder-like form by finachinery, capable of reducing blocks of ore weighing five tons. This powder, consisting of magnetite, hematite and earthy matter, was exhibited, and it was shown by preliminary experiment how the ordinary magnet, while snatching up the magnetic particles with great force, left the hematite element practically unninfluenced. Then the first step in the separation was proceeded with. The crude powder was dropped in bucketsof days this week, returning home yesterday. He reports things at the mine still looking well.

A carload of machinery consigned to the Creole arrived over the Union Pacific Wednesday. It is a portion of the large new hoist now going up on this property.

I magnetic particles with great force, left the hematite element practically unninfluenced. Then the first step in the separation was proceeded with. The crude powder was dropped in bucketsful through a separator containing magnets on the ordinary principle, and the magnetite, deflected by the magnetic action, was seen to pass in a netic action, was seen to pass in a A large consignment of electrical machinery for the new zinc plant arrived this week and is now being installed. These magnificent reduction works will soon be in operation and it will make steady stream into one receptacle, while business for the camp.

C. E. Myers was down from the East
Valeo this week and brought some specimens of good looking rock encountered at the footwall, which was specimens of good fooking fock encountered at the footwall, which was broken into from the cross-cut on Tuesday. The shaft is down 150 feet and the cross-cut 125 feet.

An important strike is reported at the Naildriver, though its extent is as yet undetermined. The strike was made by the graders while excavating for the boarding house and consists at present of a vein of carbonate ore over a foot in width, uncovered at a place wholly unexpected, and indicating at least the presence of another ledge in the ground which may develop into another Quincy. The ore, it is claimed, returned more than 160 ounces of silver per ton from the surface.

Hets on the new Edison principle. The magnets at once attracted the hematite metallic particles, hitherto considered practically unsusceptible, and, after collecting in a brush-like formation, they dropped steadily into the receiver, while the earthy matter found its way out of the machine by another exit. The process continued with absolute continuity and great rapidity, and there was no hitch of any kind. A second and third milling extracted what little metallic matter remained, leaving only sand and other useless detritus. The process eliminated phosphorus, and the separated metal appeared bright and pure, only requiring to be formed into briquettes to be ready for the furnace.

Mining Notes.

Mining Notes.

N. A. Page spent yesterday at Park City. He said last evening that he found nothing new concerning the mining districts, and estimating the amount of ore these districts are capable of producing should a smelting plant be erected in eastern Nevada. When He amount of ore these districts are to eaphle of producing should a smelting plant be erected in eastern Nevada.

The amount of ore these districts are tolleton, and, after collecting in a brush-like formation, they dropped steadily into the receiver, while the amount of ore these districts are tolleton and, after collecting in a brush-like formation, they dropped steadily into the receiver, while the amount of ore pap

FOURTH OF JULY GROUP.

War Eagle, Idaho, Property to Be Developed by Salt Lakers.

(Silver City, Ida., Avalanche.) Mining operations in the Silver City Mining operations in the Silver City district have received a new impetus since the election, and matters are moving faster now than they did during the summer. Word has been received here during the past week that W. C. Orem and associates of Salt Lake City intend to close their option on the Fourth of July group of claims on War Eagle mountain, which expires on the first day of December. If this Season Tells What Has Been Done.

(Weiser Signal.)

Weslev Barton, son of Leroy Barton

Mining operations in the Silver City district have received a new impetus since the election, and matters are moving like clockwork, Captain T. F. Singiser, president of the American Flag company, leaves for the east during the next few hours to spend the holidays. He will return early in the new year.

Silver City (Ida.) Avalanche: With a little more snow and a lot of disagreeable weather the time will be rise for another Sugar Loaf excitement, upon which occasion it will be fashionable to tumble into Sinker creek, get lost in the snowy mountains, sufpany and begin operations at the earliest possible moment. The local parties put the claims into the corporation, and the Salt Lake people pro-| vide the capital.

FOR A ONE-MINE CAMP.

Movement Believed to Be on Foot to Consolidate Many Tonopah Mines. (Tonopah Miner.)

There has been some considerable speculation and some uneasiness in Tonopah during the past week in regard to the bear movement in Tonopah mining stocks. Fraction has been offered in Philadelphia this week at \$2, with no takers, and this and other circumstances have created the improvement in Tonopah mining stocks. free milling ore was not only on the surface, but extended to a depth of several hundred feet, which will give employment to stamps for years to come.

The Fairview company is running a tunnel into Rainbow mountain. The company has already extended about 300 feet and has encountered a large body of black talc, which is said to ma high in gold. Cross-cuts have been with the general public has no knowledge. After a careful investigation the Miner is able to present what seems to be substantially the facts in regard to the situation. Prominent stockholders of the Tonopah company are attempting to create a merger of various mining properties immediately contiguous.

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to the Mizpah group. This step is considered necessary for the reason that the company is reputed to be short of working capital, depending almost entirely upon the ore taken from the mine to conduct operations. The plan is to create a merger of the Tonopah company's properties with the various contiguous properties and under a reorging of the total continuous properties. pany's properties with the various contiguous properties, and under a reorganization provide a treasury fund for the operation of the consolidated mines. William C. Whitney has \$1,500,000 invested in the stock of the Tonopah company, and he and other large holders of the stock are endeavoring to effect a reorganization. It is reported feet a reorganization. It is reported that the representatives of the Tonopah company have already secured control of the Fraction, Gold Hill and Tunnel properties. The Acenith group and the Belmont have been absorbed by the Tonopah Belmont company, a new organization, and with half a dozen other properties are to pass fints the control properties are to pass into the control of the Tonopah company. The fact that the Tonopah stock has dropped to \$11 a share in Philadelphia, and that all Tonopah stocks have suffered a like decline within the past few days, indicates that some such movement as out.

cates that some such movement as out-

lined is on foot.

terated tea like

this is only a

mild stimulant-

pleasant to the

The question naturally arises what effect would such an organization as effect would such an organization as that contemplated have upon the fu-ture of the camp? There are those who see in this movement a tendency to make Tonopah a "one-mine camp," and who contend that it would prove detrimental to the general welfare of the community. The Miner does not take this pessimistic view of the situation. The properties which it is pro-posed to consolidate are contiguous and can be worked more economically un-

FIGURING ON A SMELTER. Colorado Men Looking Over the Eastern Nevada Field.

(Eureka Sentinel.) Lew Humphreys and Charles Hoyle of Denver, Colo., were arrivals in Eureka this week. It is understood these gentlemen are here for the purpose of

at Buffalo Hump is a bonanza. A clean-up of \$10,000 was made a short time ago after a ten days' run. The mine is owned by Avery C. Moore, his father and a man named McDon-

With all the affairs of the company

Pioche Record: The papers have an account of the finding of an arsenical spring in southeastern Nevada, and also the finding of the remains of two or three skeletons. The information came from a party that had camped at the spring and all were taken sick after drinking the water. A bottle of the water was taken to San Bernar-dino and analyzed and it was found to contain a great quantity of arsenic. The Reno Gazette wants to know where this spring is. It is in the ex-

F. Brown of this valley. Through his thorough knowledge of that important branch of farming, only attained after years of hard study and careful experimental work, he has made a name not only for himself, but for the state of Utah as well—a name which will be handed down through the books and pamphlets which the agricultural department at Washington issues each year on the varied subject of vegetable. year on the varied subject of vegetable with the thermometer in close proxim-

nd small fruit growing.
Several years prior to the department Several years prior to the department importing the winter seeds from Russia, which have subsequently proven so successful in his hands. Mr. Brown had been experimenting with some seeds of his own. And it was through his success with them, which in due course of time, came to the attention of the department officials at the national capital, that Mr. Brown was further enabled to add to his personal fame, and at the same time unsonal fame, and at the same time un-questionably demonstrate to the world the superior qualities of Utah's soil for horticultural and agricultural pur-

department first introduced in America a foreign melon seed. Professor N. E. department first introduced in America a foreign melon seed. Professor N. E. Hansen of the South Dakota experimental station was sent to Russia by the deparement to collect the finest sample seeds of the melon that he could find. Upon his return to the United States the secretary of the interior decided to place a quantity of the seeds in the hands of Mr. Brown for experimental work. The reputation of Mr. Brown as a horticulturist and winter melon grower had previously winter melon grower had previously been called to the attention of the department, and for that reason he was selected by the secretary to try the merits of that foreign seed in American relationship of the same as the summer variety.

Besides in this valley, the winter melon is now being successfully grown in the vicinity of Springville, American Fork and Bountiful. They are cultivated the same as the summer variety.

The melon which Mr. Brown had grown so successfully prior to 1888 was named the Eden. He made such a commercial success of his fruit that the traveling public began to demand it, and the Rio Grande Western road soon commenced serving the melons in their eating houses and on their dining cars. They grew in such favor that the leading hotels and restaurants began placing their orders for them.

There were three varieties of the seeds which the department placed in the hands of Mr. Brown. Two were muskmelons and the third a watermelon. The first of the former was known as and is now called the No. 114 Khiva, and the second the N. E. Hansen 116, Khiva. The naming of the watermelon was left to Mr. Brown by the department, a pretty little compliment to him, and he called it the King and Queen.

He has such an exalted opinion of it that he offers \$100 for a pound of seed which will produce a melon as luscious, large, handsome and as valuable, from a commercial point of view, The melon which Mr. Brown had tion

uable, from a commercial point of view,

Green River. Utah, Nov. 20.—The presence of winter melons on the markets of the country during a season when the snow flies in the northern states and it is impossible to grow fruits of any kind out of doors is due to the horticultural capabilities of John F. Brown of this valley. Through his terror view and grow in weight to

Mr. Brown carried on his experiments with the seeds in this valley, which has an altitude of 4,040 feet. The soil

The seeds are planted about May 1. As it requires only about 100 days for the melons to develop, some of them ripen on the vines by Aug. 1. The major portion of the crop, however, has the vines of the below with the days. the superior qualities of Utah's soil for horticultural and agricultural purposes, where irrigation is possible.

It was in 1888 that the agricultural department first introduced in America a foreign melon seed. Professor N. E. first of the year. If the melons are desired for an earlier market it is only necessary to place them in a room of a living heat. Such a temperature will place them in condition for the table in less than a week.

The vines are very prolific and hardy, and Mr. Brown sees no good reason why they cannot be grown with ease and profit in a climate suitable to the summer variety.

Besides in this valley, the winter

riety and require no additional atten

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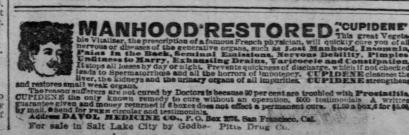
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recommend it."
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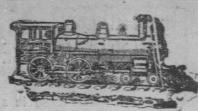
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